

Associate in Computer Science

This is a 2+2 program for students who want to go directly into a 4-year computer science program. You complete your first 2 years of the degree (90 credits) here at RTC. You then apply for admission into a BS program.

All of the classes listed below are 5 credits. To be competitive for admission into a computing bachelor's program, you want to earn as many 4.0 grades as possible.

Written Communication Requirements, 10 credits

Communication Course Number and Title	Quarter Done	Grade
ENGL& 101 English Composition		
ENGL& 102 Composition II <i>or</i> ENGL& 235 Technical Writing		

Mathematics Requirements, 20 credits

Mathematics Course Number and Title	Quarter Done	Grade
MATH& 146 Introduction to Statistics		
MATH& 151 Calculus I		
MATH& 152 Calculus II		
MATH& 163 Calculus 3		

Computer Science Requirements, 10 credits

Computer Science Course Number and Title	Quarter Done	Grade
CS& 141 Java Computer Programming I		
CS 142 Java Computer Programming II		

Physics Requirements, 10 credits

Please be aware that these classes must be taken at another college and transferred back to RTC!

Physics Course Number and Title	Quarter Done	Grade
PHYS& 221 Engineering Physics I		
PHYS& 222 Engineering Physics II		

Lab Science Requirements, 5 credits

Choose 1 lab science based on your transfer destination.

Lab Science Course Number and Title	Quarter Done	Grade
BIOL& 100 Survey of Biology		
BIOL& 160 General Biology		
CHEM& 121 General Chemistry		

Humanities Requirements, 15 credits

Choose any THREE (3) of the classes listed below

Humanities Course Number and Title	Quarter Done	Grade
ART& 100 Art Appreciation		
CMST& 101 Introduction to Communication		
CMST& 220 Public Speaking		
ENGL& 111 Introduction to Literature		
HUM& 101 Introduction to Humanities		
MUSC& 105 Music Appreciation		
PHIL& 101 Introduction to Philosophy		
SPAN& 121 Spanish I		

Social Science Requirements, 15 credits

Choose any THREE (3) of the classes listed below.

Social Science Course Number and Title	Quarter Done	Grade
ANTH& 106 American Mosaic		
ANTH& 234 Religion and Culture		
ANTH& 235 Cross-Cultural Medicine		
ECON& 201 Microeconomics		
ECON& 202 Macroeconomics		
HIST 110 Survey of American History		
POLS 150 Contemporary World Issues		
POLS& 202 American Government		
PSYC& 100 General Psychology		
PSYC& 200 Lifespan Psychology		
SOC& 101 Survey of Sociology		

Elective Requirements, 5 credits

Choose 1 elective class.

- These include any class that is listed in the other categories and that you did not take already.
- You also can take one of the following for your elective: ACCT& 201 Principles of Accounting I, BIOL& 241 Human Anatomy and Physiology I, BIOL& 260 Microbiology, BUS& 201 Business Law, CHEM& 131 Introduction to Biological and Organic Chemistry, GEOL& 101 Introduction to Physical Geology, MATH& 107 Math in Society, MATH& 142 Precalculus II, NUTR& 101 Human Nutrition, PHYS& 223 Engineering Physics III, SPAN& 122 Spanish II, or SPAN& 123 Spanish III.

